

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/050388

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61B5/06 A61N2/02 A61N1/40

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

A	<p>MOROZ P, PARDOE H, ET AL.: "Arterial embolization hyperthermia: hepatic iron particle distribution and its potential determination by magnetic resonance imaging" PHYSICS IN MEDICINE AND BIOLOGY, vol. 47, no. 9, 2002, pages 1591-1602, XP002290375 abstract page 1592 -page 1595</p>	1-5
A	<p>MOROZ P, JONES S K, GRAY B N: "Magnetically mediated hyperthermia: current status and future directions" INTERNATIONAL JOURNAL OF HYPERTHERMIA, vol. 18, no. 4, 2002, pages 267-284, XP009034356 the whole document</p>	1,2

-/-

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

13 August 2004

Date of mailing of the international search report

23/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Lahorte, P

# INTERNATIONAL SEARCH REPORT

Int lonal Application No  
PCI/IB2004/050388

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 794 622 A (CHOPP MICHEAL ET AL) 18 August 1998 (1998-08-18) abstract; figure 1 column 1, line 45 -column 2, line 31 column 2, line 59 -column 3, line 61 ----	1,2
A	WO 00/06244 A (HAINFELD JAMES F) 10 February 2000 (2000-02-10) abstract page 11, line 1 -page 15, line 8 page 27, line 12-23 ----	1,2
A	US 6 168 780 B1 (ANDRAE WILFRIED) 2 January 2001 (2001-01-02) abstract; figure 1 column 2, line 49 -column 3, line 35 column 3, line 52 -column 4, line 65 ----	1,2
P,A	DE 101 51 778 A (PHILIPS CORP INTELLECTUAL PTY) 8 May 2003 (2003-05-08) cited in the application the whole document ----	1-5
P,A	DE 102 38 853 A (PHILIPS INTELLECTUAL PROPERTY) 4 March 2004 (2004-03-04) cited in the application the whole document ----	1-5
A	JORDAN A ET AL: "INDUCTIVE HEATING OF FERRIMAGNETIC PARTICLES AND MAGNETIC FLUIDS: PHYSICAL EVALUATION OF THEIR POTENTIAL FOR HYPERTHERMIA" INTERNATIONAL JOURNAL OF HYPERTHERMIA, BASINGSTOKE, GB, vol. 9, no. 1, January 1993 (1993-01), pages 51-68, XP008015370 ISSN: 0265-6736 the whole document -----	1-5

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/IB2004/050388

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 6-7  
because they relate to subject matter not required to be searched by this Authority, namely:  
**Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery and therapy**
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/IB2004/050388

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5794622	A	18-08-1998	US 5305751 A	26-04-1994
WO 0006244	A	10-02-2000	WO 0006244 A2	10-02-2000
			US 6645464 B1	11-11-2003
US 6168780	B1	02-01-2001	DE 19707556 C1	09-07-1998
			AT 250895 T	15-10-2003
			WO 9837826 A1	03-09-1998
			EP 0966234 A1	29-12-1999
DE 10151778	A	08-05-2003	DE 10151778 A1	08-05-2003
			CN 1412550 A	23-04-2003
			EP 1304542 A2	23-04-2003
			JP 2003199767 A	15-07-2003
			US 2003085703 A1	08-05-2003
DE 10238853	A	04-03-2004	DE 10238853 A1	04-03-2004
			WO 2004018039 A1	04-03-2004